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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/714,739	11/17/2003	Michael J. Stevens	PHUS020627	4669
24737 7590 05/18/2007 PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510			EXAMINER GORTAYO, DANGELINO N	
			ART UNIT 2168	PAPER NUMBER
			MAIL DATE 05/18/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	Application No. 10/714,739	Applicant(s) STEVENS ET AL.	
	Examiner Dangelino N. Gortayo	Art Unit 2168	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 02 March 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. Applicants filed arguments 3/02/2007. Claims 1-22 are pending for examination.

### *Response to Arguments*

2. Applicant's arguments with respect to claims 1-22 have been considered but are moot in view of the new ground(s) of rejection.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-22 are rejected under 35 U.S.C. 102(e) as being anticipated by

Thackston (US Patent 6,928,396 B2)

**As per claim 1, Thackston** teaches "A method of organizing and disseminating data in a management information system (MIS)," (see Abstract and column 3 line 55 – column 4 line 6)

"said method comprising the steps of: (a) identifying at said MIS at least one outside vendor supplying at least one material included in a notification of drawing change issued from said MIS;" (Figure 16A, 16B, column 5 lines 32-43, column 12 lines

40-54, column 13 lines 45-49, column 15 lines 32-36, column 29 lines 1-14, lines 38-49, wherein modifications to a part design model is made by the design team, including changes to design drawings, and outside suppliers/fabricators are identified)

"(b) issuing said notification of drawing change from said MIS to said at least one outside vendor identified at said step (a);" (Figure 23 reference 4260, column 29 lines 50-54, column 38 lines 51-58, column 45 lines 54-65, wherein the updated part design model is sent to the suppliers/fabricators)

"(c) accessing an MIS website by said at least one outside vendor responsive to said issued notification;" (column 46 lines 53-60, column 47 lines 40-45, wherein the fabricator interacts with the Global Manufacturer's Registry (GMR) system through a web page)

"(d) submitting a database search query by said at least one outside vendor at said MIS website including search criteria for viewing drawings prepared by and stored at said MIS;" (column 46 line 61 – column 47 line 6, wherein a general search by a fabricator uses several input criteria to view part design models)

"(e) retrieving a list of drawings at said MIS satisfying said submitted database search query;" (column 49 lines 3-10, lines 37-41, column 51 lines 7-15, wherein fabricators and vendors can retrieve 3D part design models)

"(f) filtering said retrieved list of drawings at said MIS to exclude drawings unrelated to said at least one outside vendor;" (column 15 lines 12-31, column 49 lines 12-20, wherein access permissions are used to filter part design models sent to vendors and fabricators)

"and (g) displaying said filtered drawing list to said at least one outside vendor."  
(column 15 lines 12-31, column 49 lines 12-20, wherein the relevant, complete part design models and data are viewable by the vendor and fabricator)

**As per claim 2, Thackston teaches** "said filtered drawing list only includes drawings comprised of materials which are supplied by said at least one outside vendor." (column 49 lines 12-20)

**As per claim 3, Thackston teaches** "said filtered drawing list is comprised of records wherein each record includes at least an engineering drawing document number, a drawing type indicator, a material identifier, a year of drawing creation, an effectivity date, a revision number, a text description, a field for viewing said drawing, a status indication and an engineering change order number." (column 14 lines 8-45)

**As per claim 4, Thackston teaches** "determining if said notification of drawing change issued by said MIS system includes a change to at least one engineering drawing stored at said MIS;" (column 29 lines 1-14, lines 39-48)

"further determining if said at least one changed engineering drawing includes a material supplied by said at least one outside vendor, when said determining step is satisfied;" (column 14 lines 3-7, column 26 lines 46-57)

"accessing a vendor-to-manufacturer (VTM) database associated with MIS, using said at least one outside vendor supplied material as an index to retrieve a manufacturer of said material, when said further determining step is satisfied;" (column 42 lines 33-51)

"and accessing a manufacturer-to-vendor (MTV) database associated with MIS using said identified manufacturer at said accessing step as an index to retrieve said at least one outside vendor associated with said manufacturer." (column 42 lines 33-51, column 44 lines 11-21, column 45 lines 41-50)

**As per claim 5, Thackston teaches** " (1) accessing a vendor-to-manufacturer (VTM) database associated with said MIS using said at least one outside vendor's assigned vendor number as an index to retrieve manufacturers associated with said at least one outside vendor;" (Figure 2 reference 230, Figure 4, column 12 lines 40-54)

"(2) accessing a qualified manufacturers (QM) database associated with MIS using said manufacturer identified at said step (1) as an index to retrieve materials for which said manufacturer has been approved for;" (column 12 lines 55-67, column 13 lines 45-64)

"and (3) using said retrieved materials to filter said retrieved list of drawings." (column 15 lines 12-31, column 49 lines 12-20)

**As per claim 6, Thackston teaches** "sequentially reviewing each drawing in said retrieved list of drawings to determine if a drawing includes at least one material from among said retrieved materials at said further determining step; if so, including said reviewed drawing in said filtered drawing list, otherwise excluding said reviewed drawing from said filtered drawing list." (column 26 lines 46-57, column 49 lines 12-20)

**As per claim 7, Thackston teaches** "said notification of drawing change is an engineering change order (ECO) including at least an engineering drawing change

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number and an effectivity date for determining when said ECO becomes effective.”  
(column 14 lines 35-45)

**As per claim 8, Thackston teaches** “said search criteria at said step (d) includes one of a material number, a document number and a notification of drawing change number.” (column 44 lines 1-21, column 46 line 61 – column 47 line 6)

**As per claim 9, Thackston teaches** “accessing a block email (BEM) database associated with said MIS to exclude those vendors from among said at least one outside vendor who have been predetermined not to receive said issued notification of drawing change.” (column 45 lines 63-65, column 47 lines 46-62)

**As per claim 10, Thackston teaches** “submitting a database search query by said at least one outside vendor at said MIS website including search criteria for viewing drawing information.” (column 46 line 61 – column 47 line 6, column 47 lines 30-43)

**As per claim 11, Thackston teaches** “said search criteria includes a manufacturer identifier, a material number, a drawing number and an ordering code.”  
(column 44 lines 1-21, column 46 line 61 – column 47 line 6)

**As per claim 12, Thackston teaches** “. A system of organizing and disseminating data in a management information system (MIS),” (see Abstract and column 3 line 55 – column 4 line 6)

“said system comprising: means for identifying at said MIS at least one outside vendor supplying at least one material included in a notification of drawing change issued from said MIS;” (Figure 16A, 16B, column 5 lines 32-43, column 12 lines 40-54,

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column 13 lines 45-49, column 15 lines 32-36, column 29 lines 1-14, lines 38-49, wherein modifications to a part design model is made by the design team, including changes to design drawings, and outside suppliers/fabricators are identified)

"means for issuing said notification of drawing change from said MIS to said at least one outside vendor identified at MIS;" (Figure 23 reference 4260, column 29 lines 50-54, column 38 lines 51-58, column 45 lines 54-65, wherein the updated part design model is sent to the suppliers/fabricators)

"means for accessing an MIS website by said at least one outside vendor responsive to said issued notification;" (column 46 lines 53-60, column 47 lines 40-45, wherein the fabricator interacts with the Global Manufacturer's Registry (GMR) system through a web page)

"means for submitting a database search query by said at least one outside vendor at said MIS website including search criteria for viewing drawings prepared by and stored at said MIS;" (column 46 line 61 – column 47 line 6, wherein a general search by a fabricator uses several input criteria to view part design models)

"means for retrieving a list of drawings at said MIS satisfying said submitted database search query;" (column 49 lines 3-10, lines 37-41, column 51 lines 7-15, wherein fabricators and vendors can retrieve 3D part design models)

"means for filtering said retrieved list of drawings at said MIS to exclude drawings unrelated to said at least one outside vendor;" (column 15 lines 12-31, column 49 lines 12-20, wherein access permissions are used to filter part design models sent to vendors and fabricators)



"and means for displaying said filtered drawing list to said at least one outside vendor." (column 15 lines 12-31, column 49 lines 12-20, wherein the relevant, complete part design models and data are viewable by the vendor and fabricator)

**As per claim 13, Thackston teaches** "said filtered drawing list only includes drawings comprised of materials which are supplied by said at least one outside vendor." (column 49 lines 12-20)

**As per claim 14, Thackston teaches** "said filtered drawing list is comprised of records wherein each record includes at least an engineering drawing document number, a drawing type indicator, a material identifier, a year of drawing creation, an effectivity date, a revision number, a text description, a field for viewing said drawing, a status indication and an engineering change order number." (column 14 lines 8-45)

**As per claim 15, Thackston teaches** "means for determining if said notification of drawing change issued by said MIS system includes a change to at least one engineering drawing stored at said MIS;" (column 29 lines 1-14, lines 39-48)

"means for further determining if said at least one changed engineering drawing includes a material supplied by said at least one outside vendor when said means for determining is satisfied;" (column 14 lines 3-7, column 26 lines 46-57)

"means for accessing a vendor-to-manufacturer (VTM) database associated with MIS, using said at least one outside vendor supplied material as an index to retrieve a manufacturer of said material when said means for further determining is satisfied;" (column 42 lines 33-51)

"and means for accessing a manufacturer-to-vendor (MTV) database associated with MIS using said identified manufacturer at said step (3) as an index to retrieve said at least one outside vendor associated with said manufacturer." (column 42 lines 33-51, column 44 lines 11-21, column 45 lines 41-50)

**As per claim 16, Thackston teaches** "means for accessing a vendor-to-manufacturer (VTM) database associated with said MIS using said at least one outside vendor's assigned vendor number as an index to retrieve manufacturers associated with said at least one outside vendor;" (Figure 2 reference 230, Figure 4, column 12 lines 40-54)

"means for accessing a qualified manufacturers (QM) database associated with MIS using said identified manufacturer as an index to retrieve materials for which said manufacturer has been approved for;" (column 12 lines 55-67, column 13 lines 45-64)

"and means for using said retrieved materials to filter said retrieved list of drawings." (column 26 lines 46-57, column 49 lines 12-20)

**As per claim 17, Thackston teaches** "means for sequentially reviewing each drawing in said retrieved list of drawings to determine if a drawing includes at least one material from among said retrieved materials; means for including said reviewed drawing in said filtered drawing list, otherwise excluding said reviewed drawing from said filtered drawing list if it is determined that said drawing includes at least one material from among said retrieved materials." (column 14 lines 35-45)

**As per claim 18, Thackston teaches** "notification of drawing change is an engineering change order (ECO) including at least an engineering drawing change

number and an effectivity date for determining when said ECO becomes effective.”  
(column 14 lines 35-45)

**As per claim 19, Thackston teaches** “said search criteria includes one of a material number, a document number and a notification of drawing change number.”  
(column 44 lines 1-21, column 46 line 61 – column 47 line 6)

**As per claim 20, Thackston teaches** “means for accessing a block email (BEM) database associated with said MIS to exclude those vendors from among said at least one outside vendor who have been predetermined not to receive said issued notification of drawing change.” (column 45 lines 63-65, column 47 lines 46-62)

**As per claim 21, Thackston teaches** “means for submitting a database search query by said at least one outside vendor at said MIS website including search criteria for viewing drawing information.” (column 46 line 61 – column 47 line 6, column 47 lines 30-43)

**As per claim 22, Thackston teaches** “said search criteria includes a manufacturer identifier, a material number, a drawing number and an ordering code.”  
(column 44 lines 1-21, column 46 line 61 – column 47 line 6)

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Burbridge et al. (US Patent 6,965,855 B1)

Tsuchida et al. (US Patent 7,003,371 B2)

Freitag (US Patent 7,069,192 B1)

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dangelino N. Gortayo whose telephone number is (571)272-7204. The examiner can normally be reached on M-F 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dangelino N. Gortayo  
Examiner



Tim T. Vo  
SPE



TIM VO  
SUPERVISORY PATENT EXAMINER  
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